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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/042,095	01/07/2002	Steven Francis Best	AUS920010598US1	6567

7590 03/21/2005
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EXAMINER

WORJLOH, JALATEE

ART UNIT	PAPER NUMBER
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3621

DATE MAILED: 03/21/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/042,095

Applicant(s)

BEST ET AL.

Examiner

Jalatee Worjloh

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 17 February 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-7, 14-20 and 27 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-7, 14-20 and 27 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 03/04/2002.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

Election/Restrictions

1. Applicant's election without traverse of claims 1-7, 14-20 and 27 in the reply filed on February 17, 2005 is acknowledged.
2. Applicant canceled claims 8-13, 21-26 and 28; therefore, only claims 1-7, 14-20 and 27 are pending in the application.
3. Claims 1-7, 14-20 and 27 have been examined.

Claim Rejections - 35 USC § 112

4. Claims 5 and 18 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. Notice, claim 5, which depends on claim 1, teaches decrypting the mobile input; however, claim 1 does not clearly disclose encrypted mobile input. Also, claim 18, which depends on claim 14, teaches the controller decrypting the mobile input, but therefore is no encryption process taught in claim 14.

Claim Rejections - 35 USC § 102

5. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an

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international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

6. Claims 1-4, 6, 7, 14,15, 17, 19, 20 and 27 are rejected under 35 U.S.C. 102(e) as being anticipated by US Publication No. 2002/0147653 to Shmueli et al.

Shmueli et al. disclose presenting at least one authentication information field for accessing a resource, receiving mobile input including authentication information from a mobile device, converting the mobile input to keyboard input and entering the keyboard input into the at least one authentication information field to access the resource (see paragraph [0010], lines 1-6). Notice, the step of converting the mobile input to keyboard input is an inherent step. That is, when the authentication information is received it is automatically inputted into the web site for access. Before automatically inputting the information it must have been previously converted into the proper format.

Referring to claim 2, Shmueli et al. disclose the mobile device is one of a personal digital assistant, a handheld computer, and a telephony device (see paragraph [0031], lines 19-22).

Referring to claims 3,4 and 17, Shmueli et al. disclose the method is performed by a terminal, wherein the terminal is one of a personal computer, a network computer, a notebook computer, a television Web appliance, an automatic teller machine, and a kiosk (see paragraph [0027], lines 1-4).

Referring to claims 6,7,19 and 20 Shmueli et al. disclose the method wherein the at least one authentication information field comprises a user identification field and a password field, and wherein the step of entering the authentication information into the at least one authentication information field comprises identifying a user identification and a password in the

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authentication information and mapping the user identification to the user identification field and the password to the password field (see paragraph [0010], lines 1-6).

Referring to claim 14, Shmueli et al. disclose a display interface (i.e. monitor of the host computer), a mobile device interface (i.e. "key interface") a controller (i.e. "CPU"), coupled to the display interface and the mobile interface, wherein the controller presents at least one authentication information field for accessing a resource; receives mobile input including authentication information from a mobile device; converts the mobile input to keyboard input; and enters the keyboard input into the at least one authentication information field to access the resources (see paragraphs [0024], lines 3-5; [0025], lines 4 & 5; [0027]; [0010], lines 1-6).

Referring to claim 15, Shmueli et al. disclose the mobile device interface communities with a mobile device (see paragraph [0024], lines 3-5; [0025], lines 4 & 5).

Referring to claim 27, Shmueli et al. disclose instructions (i.e. software and data for operation) for: presenting at least one authentication information field for accessing a resource, receiving mobile input including authentication information from mobile device, converting the mobile input to keyboard input and entering the keyboard input into the at least one authentication information field to access the resource (see paragraph [0027], lines 1-67 and [0010], lines 1-6).

Claim Rejections - 35 USC § 103

7. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

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8. Claims 5 and 18 is rejected under 35 U.S.C. 103(a) as being unpatentable over Shmueli et al. as applied to claims 1 and 14 above, and further in view of US Patent No. 5953422 to Angelo et al.

Shmueli et al. disclose converting the mobile input to keyboard input (see claim 1 above). Shmueli et al. do not expressly disclose the converting step comprises decrypting the mobile input. Angelo et al. disclose decrypting the mobile input (see abstract). At the time the invention was made, it would have been obvious to a person of ordinary skill in the art to modify the method disclose by Shmueli et al. to include the step of decrypting the mobile input. One of ordinary skill in the art would have been motivated to do this because it effectively translates secured data into plain text.

9. Claim 16 is rejected under 35 U.S.C. 103(a) as being unpatentable over Shmueli et al. as applied to claim 1 above.

Shmueli et al. disclose the process where the mobile device's connection "may incorporate an automatic detection or sensing technology", which implies that the device may comprise an infrared interface (see paragraph [0031], lines 14-19). At the time the invention was made, it would have been obvious to a person of ordinary skill in the art to modify the method disclose by Shmueli et al. to include an infrared interface. One of ordinary skill in the art would have been motivated to enables one to transfer data from one device to another without any cables.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jalatee Worjloh whose telephone number is 703-305-0057. The examiner can normally be reached on Mondays-Thursdays 8:30 - 7:00.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, James Trammell can be reached on 703-305-9768. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306 for Regular/After Final Actions and 703-746-9443 for Non-Official/Draft.


Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Any response to this action should be mailed to:

***Commissioner of Patents and Trademarks
PO Box 1450
Alexandria, VA 22313-1450***

Hand delivered responses should be brought to Crystal Park 5, 2451 Crystal Drive,
Arlington, V A., Seventh floor receptionist.


**JAMES P. TRAMMELL
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 3600**


**Jalatee Worjloh
Patent Examiner
Art Unit 3621**

March 10, 2005